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April 25, 2019

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd
Chief Clerk / Administrator
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, SC 29210

Re: Demand Side Management/Energy Efficiency ("DSM/EE") Quarterly Report
Docket No. 2011-181-E

Dear Ms. Boyd:

Pursuant to the Commission's Order issued September 2, 2011 in Docket No. 2011-181-E, Duke Energy Progress, LLC ("DEP") submits its quarterly report pertaining to Rider DSM/EE-10 and its EM&V schedule for Demand Side Management/Energy Efficiency ("DSM/EE") programs. The schedules accompanying this submission, for the quarter ending March 31, 2019, are as follows:

- Attachment 1 – Amounts billed under Rider DSM/EE-10 during the reporting period accompanied by estimates of gross receipts taxes and South Carolina Regulatory Fees;
- Attachment 2 – DSM/EE program energy and capacity savings achieved through the end of the reporting period;
- Attachment 3 – DEP's anticipated DSM/EE program EM&V schedule; and
- Attachment 4 – DEP's System O&M and A&G expenses and amounts allocated to South Carolina.

DEP will continue to submit this report to both the Commission and the Office of Regulatory Staff on a quarterly basis until further order of the Commission.

Please contact me if you have any questions.

Kind regards,

Sam Wellborn

SJW:tch

cc w/enc: Parties of Record (via email)
Heather Shirley Smith, Deputy General Counsel (via email)
Rebecca J. Dulin, Associate General Counsel (via email)

Rider DSM/EE-10 Quarterly Billings for the Quarter Ending March 31, 2019

A. Amounts Net of GRT & SC Reg Fee

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	557,348,432	\$ 1,398,326.28	\$ 805,239.21	\$ 3,833,639.20	\$ 6,037,204.69
Small General Service	62,137,216	\$ 6,152.63	\$ 22,897.96	\$ 381,268.20	\$ 410,318.79
Medium General Svc	381,498,860	37,907.96	140,791.70	2,340,893.59	2,519,593.25
Large General Service	556,207,671	71,963.06	230,310.27	3,417,290.15	3,719,563.48
Lighting	19,683,101	-	-	-	-
Non-Residential (<i>Gross</i>)	1,019,526,848	\$ 116,023.65	\$ 393,999.93	\$ 6,139,451.94	\$ 6,649,475.52
Opt-Outs					
General Service EE	(696,047,536)	\$ (85,929.76)	\$ -	\$ -	\$ (85,929.76)
General Service DSM/DSDR	(692,831,080)	-	(282,025.10)	(4,255,617.15)	(4,537,642.25)
Lighting	(310,729)	-	-	-	-
Non-Residential (<i>Opt-Out</i>)	NA	\$ (85,929.76)	\$ (282,025.10)	\$ (4,255,617.15)	\$ (4,623,572.01)
Non-Residential (<i>Net</i>)	NA	\$ 30,093.89	\$ 111,974.83	\$ 1,883,834.79	\$ 2,025,903.51
Overall Net Recoveries	NA	\$ 1,428,420.17	\$ 917,214.04	\$ 5,717,473.99	\$ 8,063,108.20

B. GRT & SC Reg Fee

Estimated Gross Receipts Tax @ 0.30 percent	\$ 24,262.11
Estimated SC Regulatory Fee @ 0.1519029 percent	12,266.73
Total GRT and Regulatory Fee	\$ 36,528.84

C. Estimated DSM/EE Billings (Sections A + B)

\$ 8,099,637.04

**Duke Energy Progress
DSM / EE Program Savings (1)**
March 31, 2019

	Year to Date			Cumulative Since Program Inception		
	No. of Participants	kWh Savings	kW Savings	No. of Participants	kWh Savings	kW Savings
EnergyWise™ (2)	379,406	-	379,406	379,406	-	379,406
CIG Demand Response (2)	20,647	-	20,647	20,647	-	20,647
Energywise for Business - DR (6)	3,986	-	3,986	3,986	-	3,986
Residential New Construction	2,530,667	3,146,756	986	29,295,652	55,499,098	22,957
Residential SmartSaver	3,978	1,150,666	300	285,420	49,148,278	32,018
Residential Low Income - NES	1,196	513,809	78	42,186	20,810,876	2,905
Residential Lighting Program (3)	617,768	8,211,682	1,354	32,671,138	936,869,202	148,338
Non-Res SmartSaver (3)						
Prescriptive Lighting	153,123	14,440,683	2,488	80,083,286	464,761,594	87,667
Prescriptive HVAC	136,852	496,293	120	3,249,933	11,173,108	3,353
Prescriptive Motor	-	-	-	976	1,051,620	122
Prescriptive Refrigeration	554	889,062	102	807,912	12,440,033	1,183
Performance Incentive	12	285,991	34	49	1,731,393	157
Custom Measure	448	1,191,655	234	17,819	80,750,543	14,560
Technical Assistance	10	695	-	7,148	931,679	90
Non-Res SmartSaverTotal	290,999	17,304,379	2,978	84,167,123	572,839,971	107,131
Small Business Energy Saver (3)	8,573,704	8,517,723	1,416	130,445,612	217,428,646	48,964
My Home Energy Report (7)	799,910	113,060,795	19,105	799,910	113,060,795	19,105
Energy Efficiency Education Program (K-12)	3,227	1,019,797	122	41,308	9,788,730	2,436
Multi-Family Energy Efficiency Program	81,363	3,090,738	455	1,252,365	62,526,398	7,437
Save Energy & Water Kit Program	68,922	4,127,927	1,360	1,134,249	63,965,911	15,968
Residential Energy Assessment	9,626	1,916,521	231	112,978	18,371,254	2,637
Energywise for Business EE (6)	827	14,886	5	4,508	2,463,992	791
Low-Income Weatherization Pilot	32	5,329	1	32	5,329	1
<u>Closed Programs</u>						
Business Energy Report - Pilot (5)	-	-	-	25,809	8,472,181	1,380
Residential Appliance Recycling	-	-	-	47,834	27,252,360	3,118
Residential Energy Efficiency Benchmarking (4)	-	-	-	42,928	15,402,566	2,683
Residential Home Advantage (4)	-	-	-	7,174	8,649,183	3,078
Residential Solar Water Heating Pilot (4)	-	-	-	150	31,250	30
Residential CFL Pilot Program (4)	-	-	-	203,222	6,706,000	630
Summary Totals	13,386,258	162,081,007	432,430	280,983,637	2,189,292,021	825,646

(1) The values in this report, except where noted, represent estimated net savings at the meter. The reported net savings reflect ongoing annual reductions resulting from the installation of DSM/EE measures during the reporting periods. These amounts have been adjusted to account for the impact of anticipated net to gross relationships. Subsequent reports will replace estimated savings with verified values, adjusted for appropriate net to gross ratios, as determined through the Measurement and Verification (M&V) process.

(2) The EnergyWise™ participation levels shown represent program capabilities expressed in kW. The CIG Demand Response participation levels reflect contracted values.

(3) Participation levels shown, represent number of installed measures.

(4) Amounts reflect final net, post EM&V, values.

(5) Business Energy Report - Pilot Program terminated 06/30/2017.

(6) Demand Response savings identified in EnergyWise for Business-DR line. Participants and savings recognized from the program's conservation measures identified in EnergyWise for Business EE line.

(7) Program includes single and multi-family dwellings. Participants are represented as current number of distinct accounts. Impacts represent programs current capabilities for kW and kWh savings.

DEP DSM/EE Programs - Anticipated EM&V Schedule
As of April 24, 2019

DEP DSM/EE Programs - Anticipated EM&V Schedule

Program Name	NC Docket	SC Docket	Short name	2019 1st Quarter	2019 2nd Quarter	2019 3rd Quarter	2019 4th Quarter	2020 1st Quarter	2020 2nd Quarter	Notes
Commercial Demand Response	Docket No. E-2, Sub 953	Docket 2010-41-E	CIG DR		REP ⁽²⁰¹⁸⁾					
Distribution System Demand Response	Docket No. E-2, Sub 926	Docket 2009-190-E	DSDR							
Nonresidential Smart \$aver EE Products & Assessment (Prescriptive)	Docket No. E-2, Sub 938	Docket 2009-190-E	EEB			PROC/IMP	PROC/IMP	REP		Smart \$aver Prescriptvie DEC combined with DEP
Nonresidential Smart \$aver EE Products & Assessment (Custom)	Docket No. E-2, Sub 938	Docket 2009-190-E	EEB						PROC/IMP	EEB Custom projects combined with DEC Smart \$aver Custom eval report
EnergyWise	Docket No. E-2, Sub 927	Docket 2009-190-E	EW			REP ^(W2018/2019)				
EnergyWise for Business	Docket No. E-2, Sub 1086	Docket 2015-163-E	EWB							
Energy Efficiency Education	Docket No. E-2, Sub 1060	Docket 2014-420-E	K12	REP ^(2017/2018)						
Residential Energy Assessment	Docket No. E-2, Sub 1094	Docket 2016-82-E	REA						PROC/IMP	Combined DEC/DEP evaluation in 2020/2021
Lighting (Retail)	Docket No. E-2, Sub 950	Docket 2010-41-E	LP							No further EM&V work planned
Low Income Weatherization/Refrigerator Replacement			WX					PROC/IMP	PROC/IMP	Final report planned for 4th Qtr 2020
Multi-Family Energy Efficiency	Docket No. E-2, Sub 1059	Docket 2014-419-E	MF	PROC/IMP	REP					Will be combined DEC/DEP evaluation
My Home Energy Report	Docket No. E-2, Sub 989	Docket 2011-180-E	MyHER		REP					Report in 2018 will be combined DEC/DEP evaluation
Neighborhood Energy Saver	Docket No. E-2, Sub 952	Docket 2009-190-E	NES	PROC	IMP	REP				2018 delayed to 2019 due to complete switchover to LEDs; evaluation to be combined with DEC evaluation
Residential New Construction	Docket No. E-2, Sub 1021	Docket 2015-237-E	RNC							Next evaluation tbd
Residential Save Energy & Water Kit	Docket No. E-2 Sub 1085	Docket 2015-322-E	SEW				PROC/IMP	REP		To be combined with DEC evaluation; timing pushed back due to program changes
Small Business Energy Saver	Docket No. E-2, Sub 1022	Docket 2015-163-E	SBES							Next evaluation tbd

LEGEND	
PROC	Process surveys/interviews (customers or other) for purposes of report that follows
IMP	Impact data collection (onsites, billing data) and analysis for purposes of report that follows
REP	Evaluation, Measurement & Verification Report

NOTE: THESE DATES ARE SUBJECT TO CHANGE

South Carolina Retail - DSM/EE Cost Summary

Q1 of Test Period

January 2019 through March 2019

Q1 of Test Period

January 2019 through March 2019

SOUTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY																
			O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Amortization of Capitalized O&M	Amortization of Capitalized A&G	DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Reqmt Before PPI & NLR	
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
			ΣCols(1)thru(3)			((1)+(2))/3		(3)/3							ΣCols(5)thru(12)	
SC DSM Program Expenses																
1	CIG DR	Per Books	\$ 32,708		\$ -	\$ 32,708	\$ 10,903	\$ -					\$ -	\$ -	\$ 10,903	
2	EnergyWise	Per Books	390,372		-	390,372	130,124	-					-	-	130,124	
3	Small Business EE DR	Per Books	80,628			80,628	26,876	-					-	-	26,876	
4	Total DSM	Σ Lines thru 3	\$ 503,708		\$ -	\$ 503,708	\$ 167,903	\$ -					\$ -	\$ -	\$ 167,903	
5	DSM Assigned to A&G Cost	Per Books			28,217	28,217	-	9,406					83,397	18,688	111,491	
6	Total DSM and Assigned Cost	Σ Lines 4 thru 5	\$ 503,708		\$ 28,217	\$ 531,925	\$ 167,903	\$ 9,406					\$ 83,397	\$ 18,688	\$ 279,394	
SC EE Program Expenses																
7	Res Home Energy Improvem't	Per Books	114,117		-	114,117	\$ 38,039	-					-	-	38,039	
8	Residential Low Income	Per Books	41,444		-	41,444	\$ 13,815	-					-	-	13,815	
9	CIG Energy Efficiency	Per Books	349,063		-	349,063	\$ 116,354	-					-	-	116,354	
10	Residential Lighting	Per Books	485,598		-	485,598	\$ 161,866	-					-	-	161,866	
11	Res Appliance Recycling	Per Books	-		-	-	\$ -	-					-	-	-	
12	EE Behavior Program*	Per Books	368,657		-	368,657	\$ 368,657	-					-	-	368,657	
13	Small Business Direct Install	Per Books	210,490		-	210,490	\$ 70,163	-					-	-	70,163	
14	Residential New Construction	Per Books	413,451		-	413,451	\$ 137,817	-					-	-	137,817	
15	K12 Performance - National Theatre	Per Books	26,840		-	26,840	\$ 8,947	-					-	-	8,947	
16	Multi-Family	Per Books	56,050		-	56,050	\$ 18,683	-					-	-	18,683	
17	Residential CFL Property Manager	Per Books	-		-	-	\$ -	-					-	-	-	
18	Business Energy Report	Per Books	-		-	-	\$ -	-					-	-	-	
19	Save Energy and Water Kit	Per Books	25,889			25,889	\$ 8,630						-	-	8,630	
20	Residential Energy Assessments	Per Books	26,106			26,106	\$ 8,702						-	-	8,702	
21	Total EE	Σ Lines 7 thru 20	\$ 2,117,705		\$ -	\$ 2,117,705	\$ 951,673	\$ -					\$ -	\$ -	\$ 951,673	
22	EE Assigned to A&G Cost	Per Books			112,050	112,050	-	37,350					256,010	57,367	350,727	
23	Total DSM and Assigned Cost	Σ Lines 21 thru 22	\$ 2,117,705		\$ 112,050	\$ 2,229,755	\$ 951,673	\$ 37,350					\$ 256,010	\$ 57,367	\$ 1,302,400	
SC DSDR Program Expenses																
24	DSDR Program	Per Books	\$ 173,654	\$ 24,911	\$ -	\$ 198,565	\$ 66,188	\$ -	\$ 244,558	\$ 54,103	\$ 101,528	\$ 395,374	\$ 37,143	\$ 8,323	\$ 907,217	
25	DSDR Assigned to A&G Cost	Per Books			-	-	-	-							\$ -	
26	Total DSM and Assigned Cost	Σ Lines 24 thru 25	\$ 173,654	\$ 24,911	\$ -	\$ 198,565	\$ 66,188	\$ -	\$ 244,558	\$ 54,103	\$ 101,528	\$ 395,374	\$ 37,143	\$ 8,323	\$ 907,217	
27	Test Period Totals	Lines 6 + 23 + 26	\$ 2,795,067	\$ 24,911	\$ 140,267	\$ 2,960,245	\$ 1,185,764	\$ 46,756	\$ 244,558	\$ 54,103	\$ 101,528	\$ 395,374	\$ 376,550	\$ 84,378	\$ 2,489,011	

*EE Benchmarking program is recoverable over a 1 year period
All other EE programs are over a 3 year period

1	EE Deferral Calculation												
2	DSM/EE Filing Support												
3	Cost summary for 1/19 - 03/19												
4													
5													
6													
7													
8													
9		Jan-19	Feb-19	Mar-19		Q1 2019							
10													
11	EE Current Period Actual Program Cost Deferral:												
12	Program O&M Costs												
13	CIG Energy Efficiency					-							
14	Home Depot CFL												
15	EE Behavior Program (1 year)	1,258,313.84	812,607.14	482,261.83		2,553,182.81							
16	Residential Home Advantage												
17	Business Energy Report					-							
18	Residential Home Energy Improvement (Ph.II)	44,236.24	424,951.09	321,146.16		790,333.49							
19	Residential Low Income / PHA (Ph.II)	98,703.05	18,762.36	169,556.83		287,022.24							
20	Residential Lighting	1,066,116.04	714,779.70	1,582,170.71		3,363,066.45							
22	Appliance Recycle					-							
23	Small Business Direct Install	567,751.76	586,405.16	303,617.22		1,457,774.14							
24	Residential New Construction	789,874.81	1,144,272.07	929,260.84		2,863,407.72							
25	K12 Performance - National Theatre	9,616.89	150,696.62	25,569.09		185,882.60							
26	Freezer Recycle Program					-							
27	Save Energy and Water Kit	50,025.67	64,634.53	64,634.53		179,294.73							
28	Residential Energy Assessments	126,403.92	109,712.54	(55,318.68)		180,797.78							
29	Non-Res Custom Incentive	112,816.64	146,648.93	84,187.88		343,653.45							
30	Non-Res Pres-Lighting	450,157.55	628,885.03	702,209.96		1,781,252.54							
31	Non-Res Custom Assessments	35,073.02	21,116.72	13,951.45		70,141.19							
32	Non-Res Pres-Food Service	17,894.67	14,547.91	20,065.50		52,508.08							
33	Non-Res Pres-HVAC	70,698.20	63,565.66	35,658.97		169,922.83							
34	Multi-Family Aerators	8,722.60	11,309.47	3,532.46		23,564.53							
35	Multi-Family Pipe Wrap	92,584.83	132,069.75	112,493.49		337,148.07							
36	Multi-Family Showerheads	13,290.00	33,865.57	(19,688.17)		27,467.40							
37	Residential CFL Property Manager					-							
38	Total EE O&M	4,812,279.73	5,078,830.25	4,775,310.07		14,666,420.05							
39													
40	Program Costs not yet Commission Approved												
41	Business Energy Report												
42													
43	G&A	247,816.76	295,452.30	287,233.80		830,502.86							
44	True-up Entry Amount, if any (See **True-up Notes)												
45	Subtotal Deferred G&A and O&M	5,060,096.49	5,374,282.55	5,062,543.87		15,496,922.91							
46													
47	SC												
48	Program Costs												
49	CIG Energy Efficiency	-	-	-		-							
50	Home Depot CFL	-	-	-		-							
51	EE Behavior Program	181,689.60	117,333.42	69,634.42		368,657.44							
52	Residential Home Advantage	-	-	-		-							
53	Business Energy Report (3 years)	-	-	-		-							
54	Residential Home Energy Improvement (Ph.II)	6,387.33	61,359.25	46,370.72		114,117.30							
55	Residential Low Income / PHA (Ph.II)	14,251.86	2,709.12	24,482.54		41,443.52							
56	Residential Lighting (5 years) - updated to 3 years in 2019	153,937.91	103,207.99	228,451.72		485,597.62							
57	Solar Hot Water Pilot	-	-	-		-							
58	Appliance Recycle	-	-	-		-							
59	Small Business Direct Install	81,978.43	84,671.82	43,839.69		210,489.94							
60	Residential New Construction	114,051.07	165,222.96	134,177.20		413,451.23							
61	K12 Performance - National Theatre	1,388.60	21,759.28	3,691.95		26,839.83							
62	Freezer Recycle Program	-	-	-		-							
63	Save Energy and Water Kit - tentatively 5 years	7,223.27	9,332.67	9,332.67		25,888.61							
64	Residential Energy Assessments - tentatively 5 years	18,251.63	15,841.54	(7,987.54)		26,105.63							
65	Non-Res Custom Incentive	16,289.74	21,174.83	12,156.00		49,620.57							
66	Non-Res Pres-Lighting	64,998.84	90,805.54	101,393.03		257,197.41							
67	Non-Res Custom Assessments	5,064.24	3,049.07	2,014.47		10,127.78							
68	Non-Res Pres-Food Service	2,583.84	2,100.59	2,897.28		7,581.71							
69	Non-Res Pres-HVAC	10,208.21	9,178.33	5,148.85		24,535.39							
70	Multi-Family Aerators	1,259.47	1,632.99	510.06		3,402.52							
71	Multi-Family Pipe Wrap	13,368.45	19,069.73	16,243.08		48,681.26							
72	Multi-Family Showerheads	1,918.96	4,889.89	(2,842.80)		3,966.05							
73	Residential CFL Property Manager	-	-	-		-							
74	Total EE O&M	694,851.45	733,339.02	689,513.34		2,117,703.81							
75													
76	G&A	33,304.33	40,100.65	38,645.02		112,050.00							
77	True-up Entry Amount, if any (See **True-up Notes)												
78	Subtotal Deferred O&M and G&A	728,155.78	773,439.67	728,158.36		2,229,753.81							
79													
101	Return Calc												
102	Debt Component - Net of Tax	22,433.42	21,905.05	21,463.35		65,801.82							
103	Equity Component - Net of Tax	64,846.43	63,319.12	62,042.32		190,207.87							
104	Equity Return Tax Gross-Up	19,557.68	19,097.05	18,711.96		57,366.69							
105	Total Return	106,837.53	104,321.22	102,217.63		313,376.38							
106													
109	Source: Monthly Accounting File												

	A	B	C	D	E	F
1	DSM Deferral Calculation					
2	DSM/EE Filing Support					
3	Cost summary for 1/19 - 03/19					
4						
5						
6						
7						
8						
9		Jan-19	Feb-19	Mar-19		Q1 2019
10	DSM Current Period Actual Program Cost Deferral:					
11	Program Costs					
12	CIG Demand Response (Ph. II)	79,897.03	82,574.33	80,356.55		242,827.91
13	Residential Energy Wise	911,652.27	1,002,977.44	983,546.49		2,898,176.20
14	Small Business EE DR	117,055.35	186,407.38	295,133.23		598,595.96
15	Total DSM O&M	1,108,604.65	1,271,959.15	1,359,036.27		3,739,600.07
16						
17	Program Costs not yet Commission Approved					
18	Small Business EE DR					
19						
20	G&A	66,899.51	79,758.99	77,540.36		224,198.86
21	True-up Entry Amount, if any (See **True-up Notes)					
22	Subtotal Deferred G&A and O&M	1,175,504.16	1,351,718.14	1,436,576.63		3,963,798.93
23						
24	SC:					
25	Program Costs					
26	CIG Demand Response (Ph. II)	10,761.79	11,122.41	10,823.68		32,707.88
27	Residential Energy Wise	122,795.66	135,096.77	132,479.50		390,371.93
28	Small Business EE DR	15,766.85	25,108.28	39,753.18		80,628.31
29	Total DSM O&M	149,324.30	171,327.46	183,056.36		503,708.12
30						
31	G&A	8,386.98	10,098.48	9,731.91		28,217.37
32	True-up Entry Amount, if any (See **True-up Notes)					
33	Subtotal Deferred O&M and G&A	157,711.28	181,425.94	192,788.27		531,925.49
34						
35	Subtotal Deferred of Program Costs not yet Commission Approved					
36						
37	Recovery					
38	SC	(387,740.38)	(398,960.20)	(261,764.88)		(1,048,465.46)
39						
40	Amortizaton					
41	O&M	(260,201.27)	(267,535.65)	(271,445.69)		(799,182.61)
42	G&A	(15,864.62)	(16,435.12)	(16,312.86)		(48,612.60)
43		(282,997.27)	(312,997.63)	(264,938.01)		(860,932.91)
44						
45	Carrying Cost Balance					
46	Beg Balance	6,139,400.54	6,021,045.94	5,918,501.10		18,078,947.58
47	plus expense	157,711.28	181,425.94	192,788.27		531,925.49
48	less amortization	(276,065.89)	(283,970.77)	(287,758.55)		(847,795.21)
49	End Balance	6,021,045.94	5,918,501.10	5,823,530.83		17,763,077.87
50	Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.)	6,139,400.54	6,021,045.94	5,918,501.10		18,078,947.58
51						
52	ADIT	1,422,456.13	1,395,034.20	1,371,275.28		4,188,765.61
53	Basis for return calc	4,716,944.41	4,626,011.74	4,547,225.82		13,890,181.97
54						
55	Return Calc					
56	Debt Component - Net of Tax	7,279.19	7,138.86	7,017.28		21,435.33
57	Equity Component - Net of Tax	21,041.35	20,635.71	20,284.26		61,961.32
58	Equity Return Tax Gross-Up	6,346.07	6,223.73	6,117.73		18,687.53
59	Total Return	34,666.61	33,998.30	33,419.27		102,084.18
60						
61						
62						
63	Source: Monthly Accounting File					

	A	B	C	D	E	F
1	DSDR Deferral Calculation					
2	DSM/EE Filing Support					
3	Cost summary for 1/19 - 03/19					
4						
5						
6						
7		Jan-19	Feb-19	Mar-19		Q1 2019
8						
9		DSDR Current Period Actual Program Cost Deferral:				
10	DSDR Program Costs	467,238.83	401,529.60	420,464.18		1,289,232.61
11	DSDR G&A					
12	True-up Entry Amount, if any (See **True-up Notes)					
13	Subtotal Deferred G&A and O&M	467,238.83	401,529.60	420,464.18		1,289,232.61
14						
15		SC:				
16	Program Costs	62,935.07	54,084.32	56,634.73		173,654.12
17	G&A	-	-	-		-
18	True-up Entry Amount, if any (See **True-up Notes)					
19	Subtotal Deferred O&M and G&A	62,935.07	54,084.32	56,634.73		173,654.12
20						
21	Smart Grid Insurance Expense Accrual	8,369.40	8,303.73	8,238.33		24,911.46
22						
23	Smart Grid Depreciation	131,790.53	131,791.19	131,792.28		395374
24	Smart Grid Property Tax	32,045.15	32,045.15	37,438.16		101,528.45
25	R&E Tax Credit					
26						
27	Subtotal for Expense Deferral	235,140.15	226,224.39	234,103.50		695,468.03
28						
29	Return on 101 Capital SmartGrid - Debt	23,175.46	21,153.69	20,962.21		65,291.36
30	Return on 101 Capital SmartGrid - Equity	64,545.09	57,621.33	57,099.74		179,266.16
31	Equity Return Tax Gross Up	19,503.54	17,378.59	17,221.28		54,103.41
32	Total Return	107,224.09	96,153.61	95,283.23		298,660.93
33						
34	Recovery					
35	SC	(386,051.74)	(305,508.29)	(225,654.02)		(917,214.05)
36						
37						
38	Amortizaton					
39	O&M	(114,129.13)	(111,156.99)	(111,985.08)		(337,271.20)
40	G&A	(816.79)	(816.79)	(816.65)		(2,450.23)
41	Other (Dep and Prop Tax)	(163,835.68)	(163,836.34)	(169,230.44)		(496,902.45)
42		(278,781.59)	(275,810.11)	(282,032.17)		(836,623.87)
43						
44	Carrying Cost Balance					
45	Beg Balance	2,729,596.22	2,685,954.78	2,636,369.05		8,051,920.05
46	plus expense	235,140.15	226,224.39	234,103.50		695,468.03
47	less amortization	(278,781.59)	(275,810.11)	(282,032.17)		(836,623.87)
48	End Balance	2,685,954.78	2,636,369.05	2,588,440.38		7,910,764.20
49	Prior Month Ending Balance for return calc (2007- N	2,729,596.22	2,685,954.78	2,636,369.05		8,051,920.05
50						
51	ADIT	632,428.34	622,316.92	610,828.25		1,865,573.51
52	Basis for return calc	2,097,167.88	2,063,637.86	2,025,540.80		6,186,346.54
53						
54	Return Calc					
55	Debt Component - Net of Tax	3,236.35	3,184.61	3,125.81		9,546.77
56	Equity Component - Net of Tax	9,355.05	9,205.48	9,035.53		27,596.06
57	Equity Return Tax Gross-Up	2,821.48	2,776.37	2,725.12		8,322.97
58	Total Return	15,412.88	15,166.46	14,886.46		45,465.80
59						
60						
61						
62						
63	Source: Monthly Accounting File					